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1: J Chromatogr A 2000 Aug 18;890(1):159-166

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Application of magnetite and silica-magnetite composites to the isolation of genomic DNA.

Taylor JJ, Hurst CD, Davies MJ, Sachsinger N, Bruce IJ.

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Magnetite and silica-magnetite composites were used as adsorbents for the isolation of genomic DNA from maize kernels. Two methods are described for the preparation of silica-magnetite composites, both of which afford higher yields of genomic DNA than when using magnetite alone, or a commercially available kit. DNA isolated using silica-magnetite was suitable for use in further applications such as polymerase chain reaction amplification and enzyme digestion.

PMID: 10976803 [PubMed - indexed for MEDLINE]

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